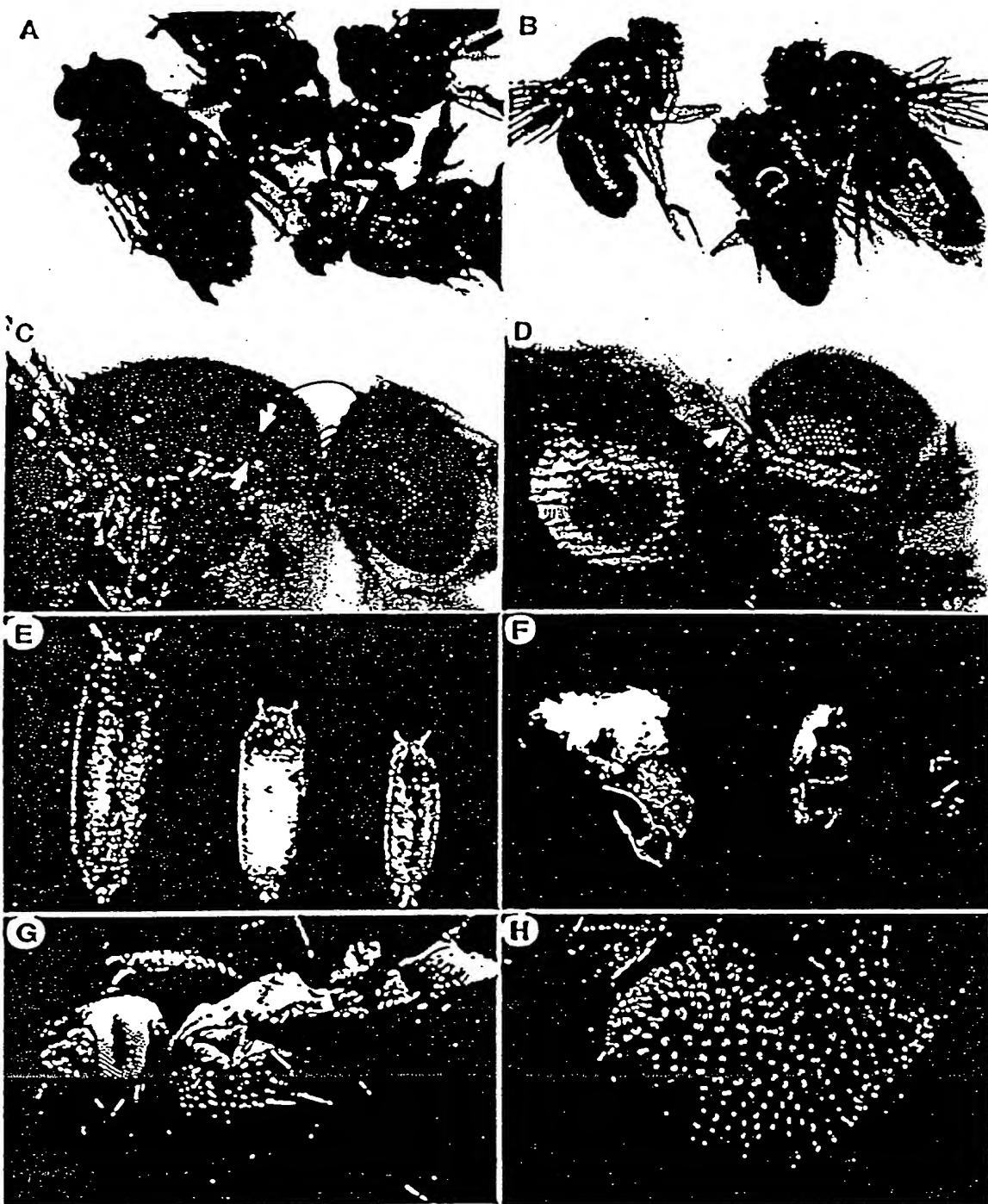


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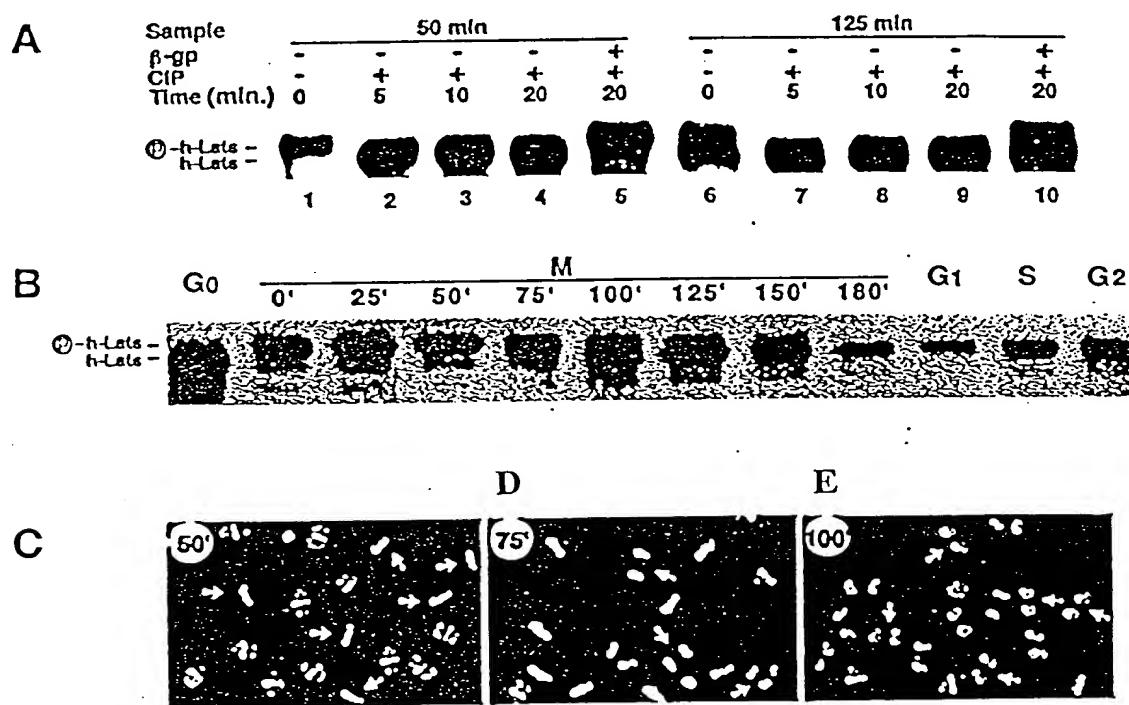
FIGS. 1A-H

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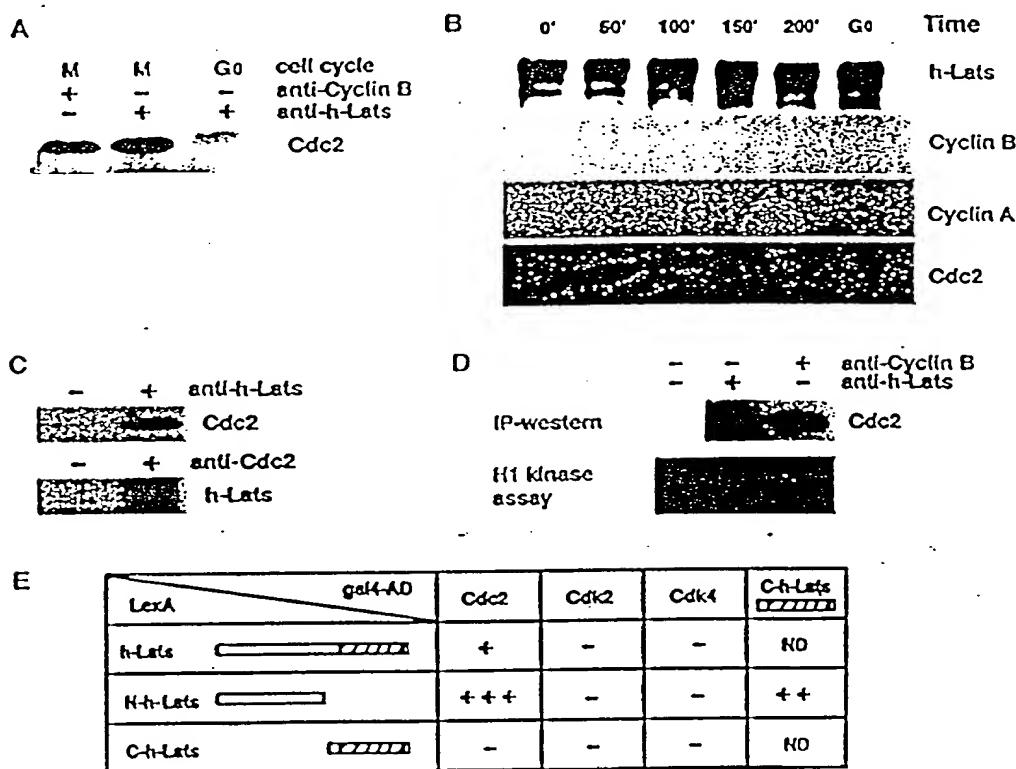


FIGS. 2A-E

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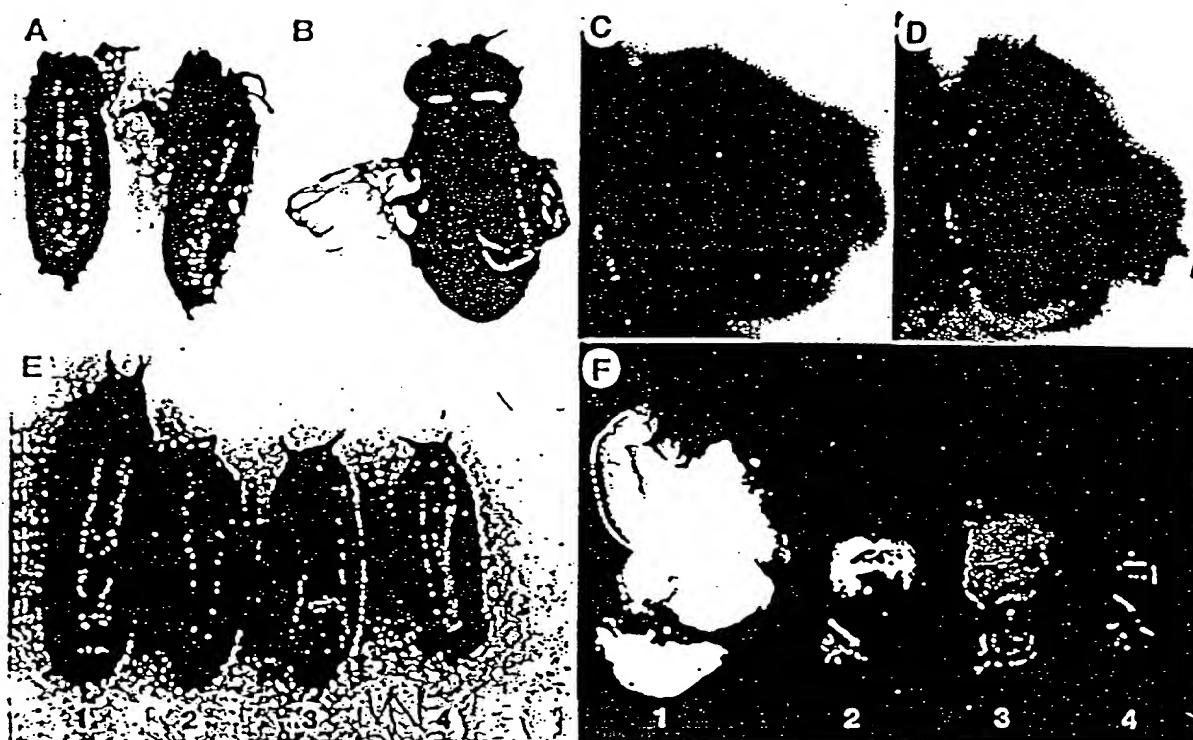


FIGS. 3A-E

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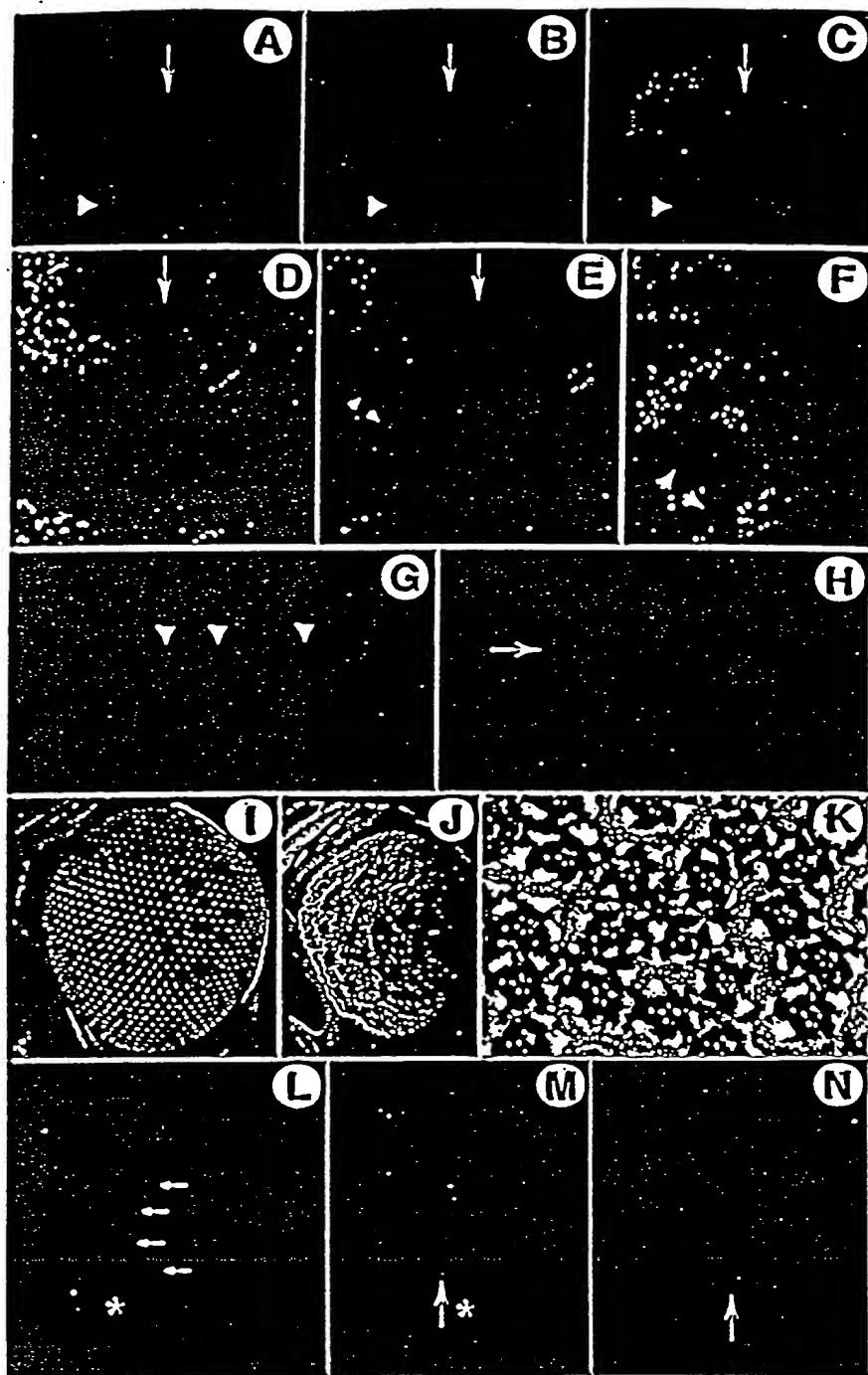
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FIGS. 4A-F

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FIGS. 5A-N

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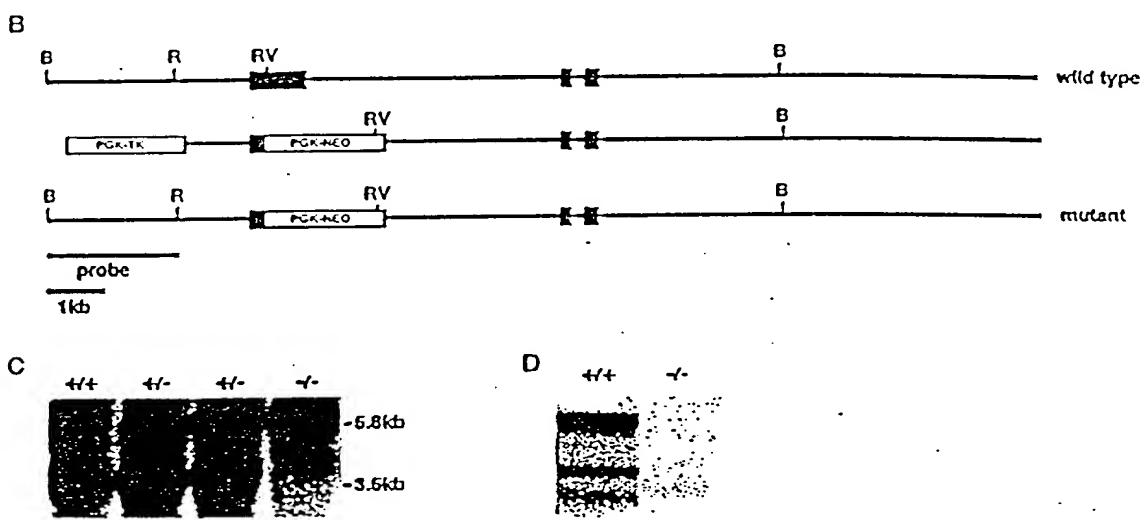
1 MKRSEKPEGYRQMRPKTFPASNYTV6SRQMLQEIRESLRNL6KPSDAAKAEHNMSKMSTEDPRQVRNPPK h-Lats
 71 FGTHHKALQEIRNSLLPFAHETN5RST6EVNPQMLQDLQAAGFDEDMVIQALQKTNRSIEAAIEFISK h-Lats
 141 MSYQDPRREQMAAAARPINASMKPGNVOOSVNHKUSWAGSKESLVPORHGPI-GESEVAVHSESPNSOIJ h-Lats
 EVOISIINRKQSWKGSKESLVPORHGPIGENUVVSESPNSOAI m-Lats
 211 /GHPPLSGSGISAFMJAHPNGNGHVNPPPPPOVHSV1PPPPPHGQI PPPHGI1PPPPPSWEPN501KHYSGN h-Lats
 /GRPLSGSGIAAFMJAHPNGGORVNPPPPPOVRSVTPPPPIPQOTPPPAGTTTPPPPSWEPSROTCKRYSGN m-Lats
 281 HEYVISIISPVPPGAQOEGLYPMMPLNISPMNPPNQJEGISDVPHGHP1IMODS3KFNFTPSEHPGVJUNG h-Lats
 HEYVISIISPVPPGAQOEGLYPMMPLNISPMNPPS3A3RAISSVPVGROP1IMODS3KFNFTPSEHPGVJUNG m-Lats
 351 TEQDUFMIQUNVWMAITCNHUPPPYPLTAPANGOSPSALOTGASAAPPSSAVGNYPOSMMVPNANSHNME h-Lats
 GEOSDFIVHONV-DTISATROPPPPYPLTPANGOSPSALOTGASAAPPSSAVGNYPOSMMVPNANSHNME m-Lats
 421 -YNISVPGLOIHWPOSSSAPAOSSPSGHEIPTWOPNIPVRSNSFNNPLGSBASHSANSOPSATTVTAIT h-Lats
 -YNISVPGLOIHWPOSSSAPAOSSPSGHEIPTWOPNIPVRSNSFNNPLGSBASHSANSOPSATTVTAIT m-Lats
 491 PAPIQOPVKSMHVLKPELOTALAPTHPSWIPOPV2TVOPTPFSEGTAASSV2V1PVAEAPSYOGPPPPYP h-Lats
 PAPIQOPVKSMHVLKPELOTALAPTHPSWIPOPV2TVOPTPFSEGTAASSV2V1PVAEAPSYOGPPPPYP m-Lats
 561 KHLHQNPSPVPPYESISKPKEDJPSLPKEDSEKSYENVJSGUKEKKOIIISPIIVHKNKKDEEHKESH h-Lats
 KHLHQNPSPVPPYESISKPKDECPSSLPKEDSEKSADSNSGDKEKKOITTSPITVARKNKKDEERRESR m-Lats
 631 IQSYSPQAFFMEOHVENVLKSHOQLMHKKOLENEMMHVGLSODAQDQMRKMLCOKESENLYIRLKRAKM h-Lats
 IQSYSPQAFFMEOHVENVLKSHOQLMHKKOLENEMMRVGLSODAQDQMRKMLCOKESENLYIRLKRAKM m-Lats
 701 DKSMEVKIKILGIGAFGEVCLARKVUDIKALEYAKILHKKDVLLHNOVAHVKAERDILAEADNEWVVRLYY h-Lats
 DKSMEVKIKTLGIGAFGEVCLARKVDTKALEYATKTLRKKDVLLRNOVAHVKAERDILAEADNEWVVRLYY m-Lats
 771 SFQDKUNLYFVMDYIPGGUMMSLLIHMGIFPESLAHFYIAELTCAVESVHKMGFIHRDIKPDNILIDRDG h-Lats
 SFQDKUNLYFVMDYIPGGUMMSLLIRMGIFPENLARFYIAELTCAVESVHKMGFIHRDIKPDNILIDRDG m-Lats
 841 HIKLTDFGLCTGFHWTHDSKYQSGDHPHQDSMUF SNEWGDPSCHUGDHLKPLEHKAHQHQGLAHS h-Lats
 HIKLTDFGLCTGFHWTHDSKYQSGDHPHQDSMDF SNEWGDPSNCRCGDRLKPLEERRAAROHORGLAHS m-Lats
 911 JGTPNYIAPEVLLHGYIOLCDWISVGVI1FEMLVGOPPFIAOTPLE1OMKV1NQTSLHIPPOAKLSPE h-Lats
 JGTPNYIAPEVLLRTGYTOLCDWISVGVI1CMLVGOPPFIAOTPLE1OMKV1NQTSLHIPPOAKLSPE m-Lats
 981 ASDLIKLCHGPEDHLGKNGADEIKAHPPFK1IUFSSULHOOSASYIPKI1HFDISNFDPVDPDKLWSD h-Lats
 ASDLIKLCHGPEDHLGKNGADEIKAHPPFK1IDFSSDLROOSASYIPKI1HPTDTSNFDPVDPDKLWSD m-Lats
 1051 DNEEENVNDDIIGWYKNGKHPEHAFYEF1FRHFDDNGYPYNYPKPIEYEYINSOGEQOSDEDDONIGS h-Lats
 GSEENEDDTLSBIWYKNGKHPEHAFYEF1FRHFDDNGYPYNYPKPIEYEYINSOGEQOSDEDDONIGS m-Lats
 1121 EIKXHDLVVV DGNRDLVVV h-Lats
 m-Lats

FIG. 6A

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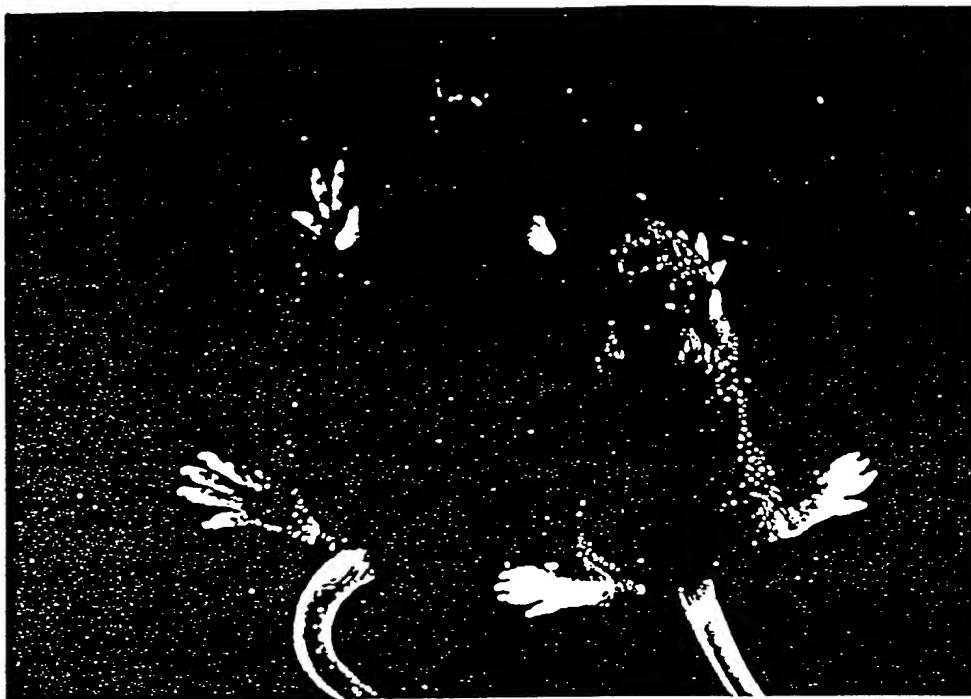
FIGS. 6B-D

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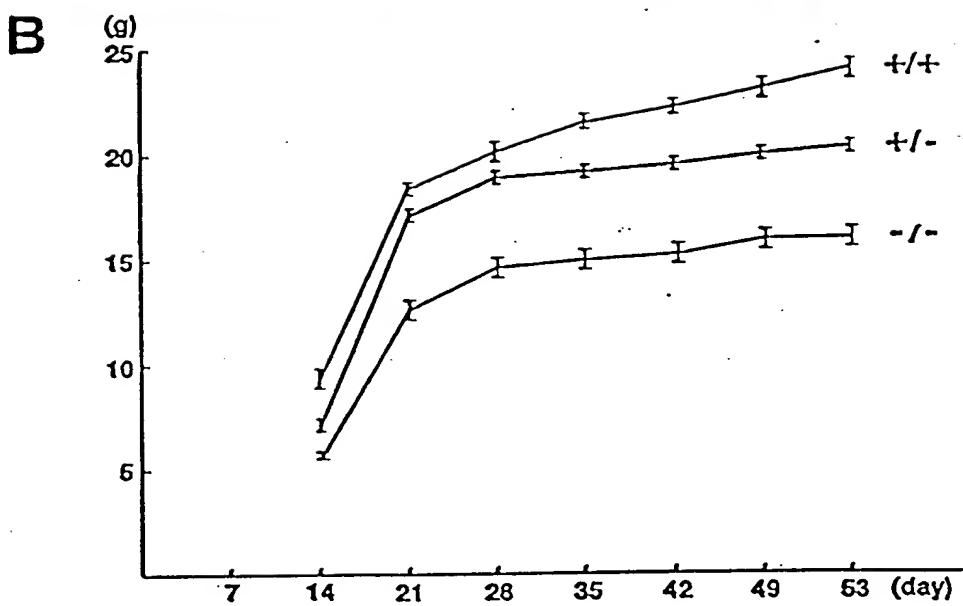
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A



B

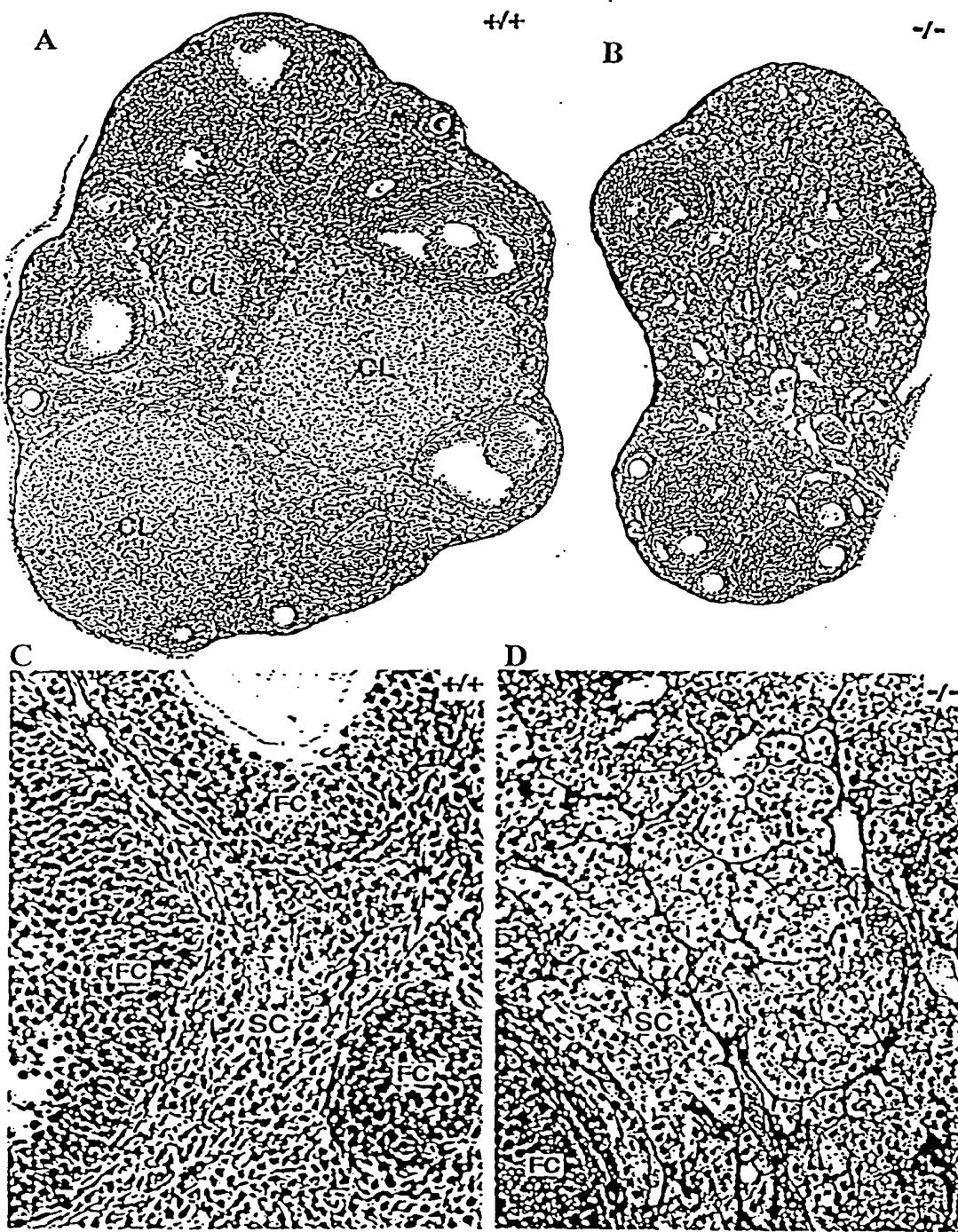


FIGS. 7A-B

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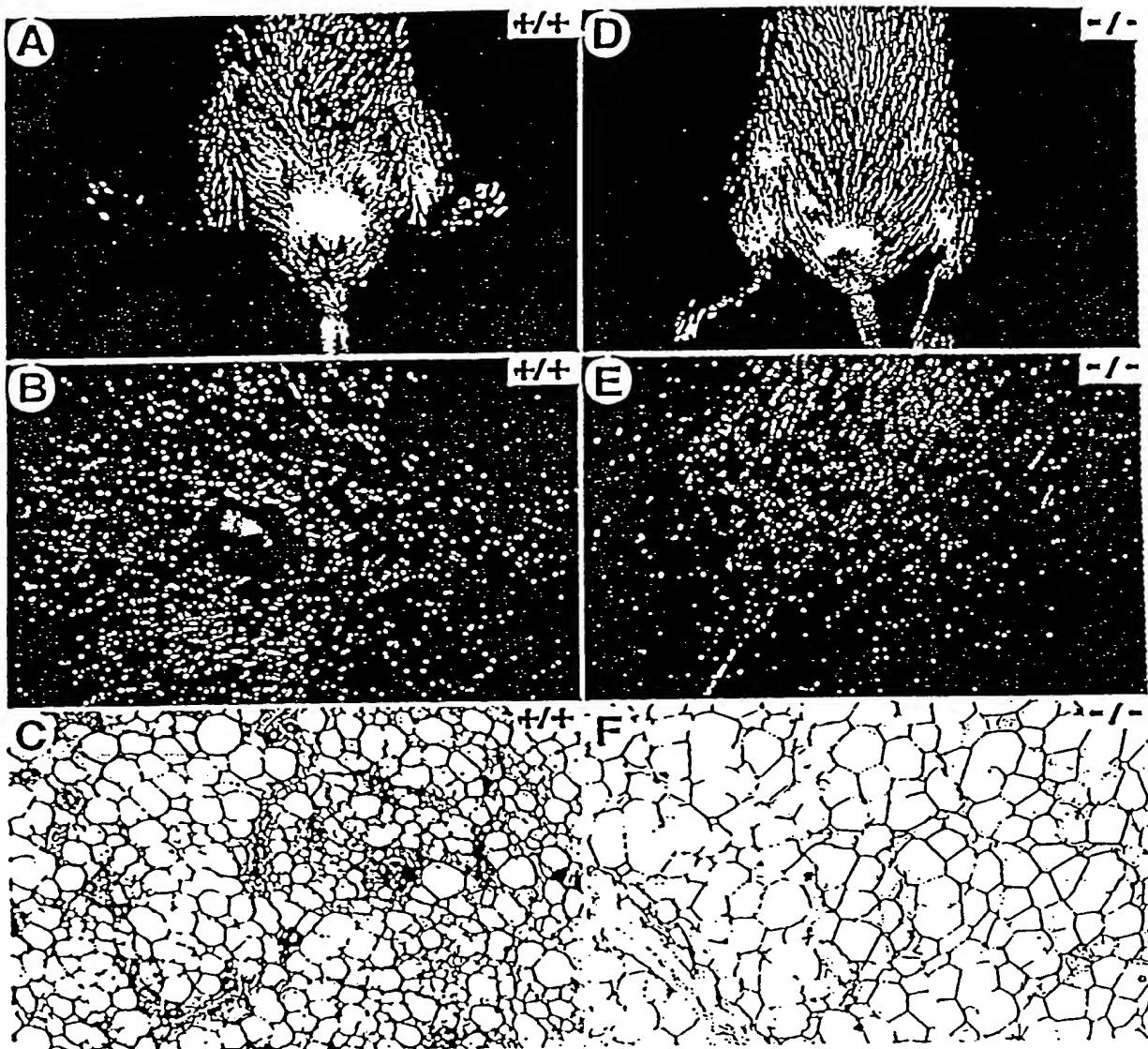
FIGS. 8A-D

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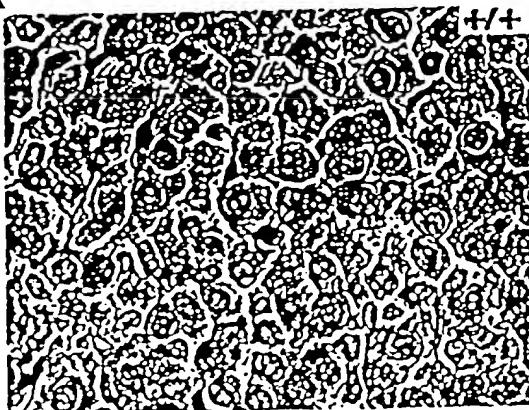
FIGS. 9A-F

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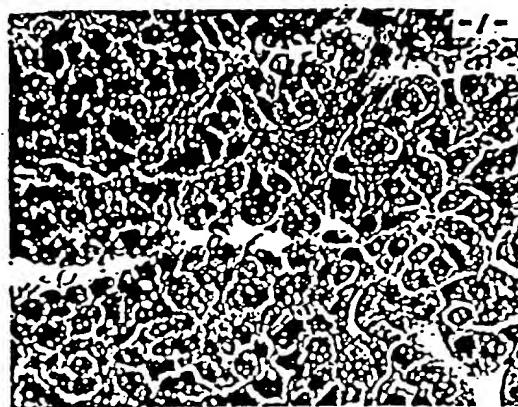
(SHEET // OF 25)

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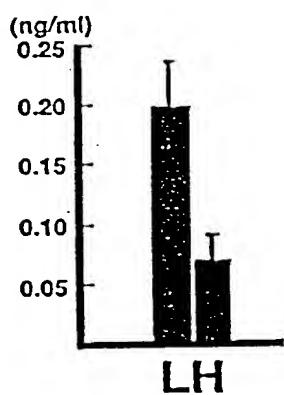
A



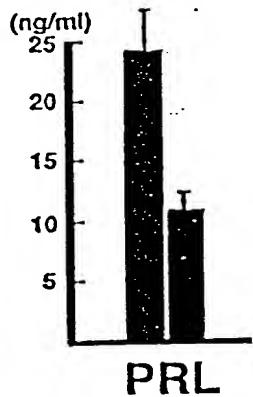
B



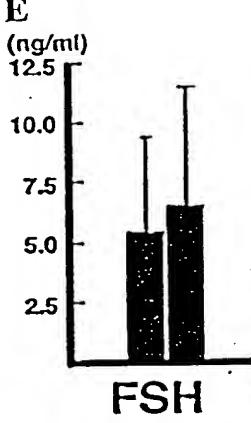
C



D



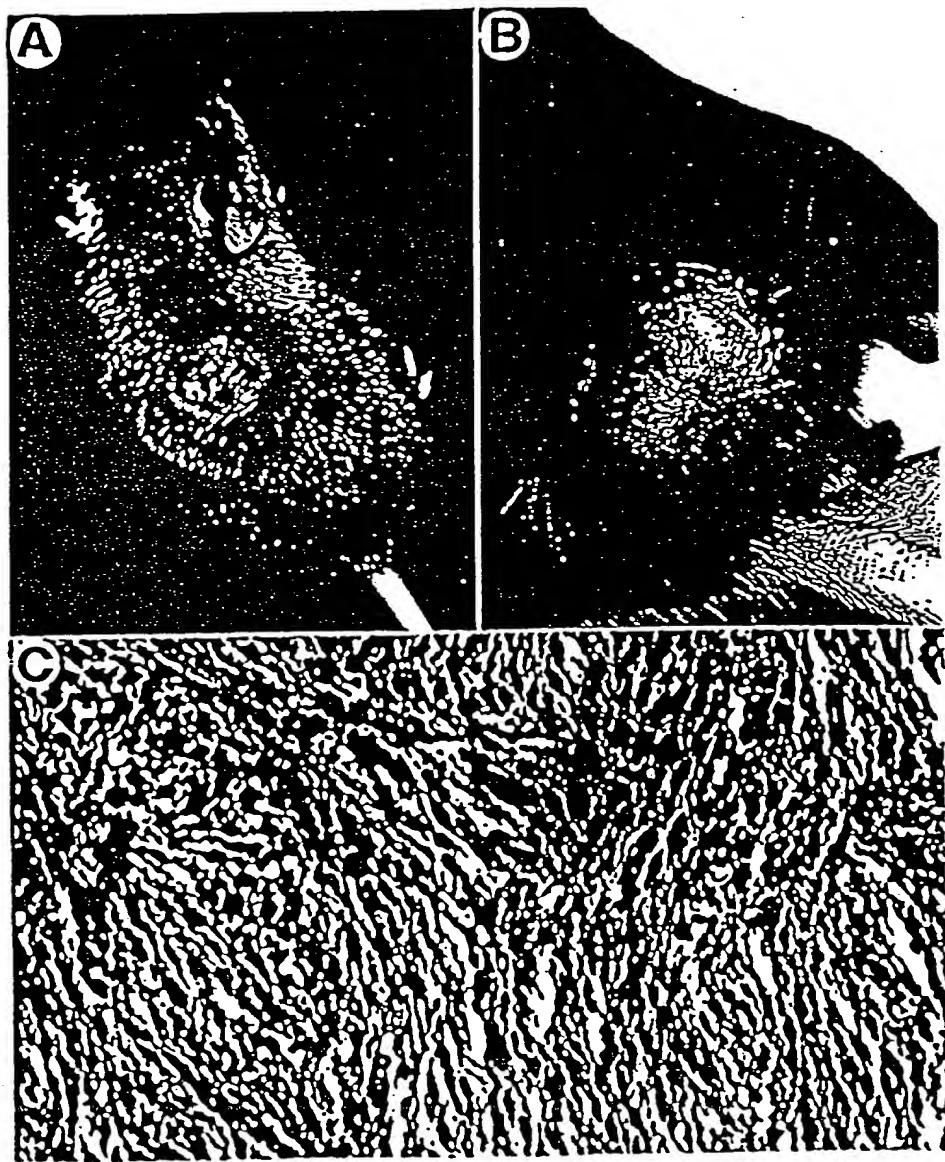
E



FIGS. 10A-E

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FIGS. 11A-C

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10	20	30	40	50	60	70	80
ACCTTGGGT	TGCTGGGACG	GACTCTGGCC	GCCTCAGCGT	CCGCCCCTAG	GCCCCGGGCC	GCTGTCCAGG	AGCTCTGCTC
90	100	110	120	130	140	150	160
TCCCCCTCCAG	AGTTAATTAT	TTATATTGTA	AAGAATTTTA	ACAGTCCTGG	GGACTTCCTT	GAAGGATCAT	TTTCACCTTT
170	180	190	200	210	220	230	240
GCTCAGAAGA	AAGCTCTGGA	TCTATCAAAT	AAAGAAGTCC	TTCTGTGGG	CTACATATAT	AGATGTTTC	ATGAAGAGGA
						M K R	
250	260	270	280	290	300	310	320
GTGAAAAGCC	AGAAGGATAT	AGACAAATGA	GGCCTAACAGAC	CTTTCCTGCG	AGTAACCTATA	CTGTCAGTAG	CCGGCAAAATG
S E K P	E G Y	R Q M	R P K T	F P A	S N Y	T V S S	R Q M
330	340	350	360	370	380	390	400
TTACAAGAAA	TTCGGGAATC	CCTTAGGAAT	TTATCTAAAC	CATCTGATGC	TGCTAAGGCT	GACCATAACA	TGAGTAAAT
L Q E I R E S	L R N	L S K	P S D A	A K A	E H N	M S K M	
410	420	430	440	450	460	470	480
GTCAACCGAA	GATCCTCGAC	AAGTCAGAAA	TCCACCCAAA	TTTGGGACGC	ATCATAAAAGC	CTTGCAGGAA	ATTCGAAACT
S T E D P R	Q V R N	P P K	F G T	H H K A	L Q E I R N		
490	500	510	520	530	540	550	560
CTCTGCTTCC	ATTTGCAAAT	GAAACAAATT	CTTCTCGGAG	TACTTCAGAA	GTTAATCCAC	AAATGCTTCA	AGACTTGCA
S L L P F A N	E T N	S S R S	T S E	V N P	Q M L Q	D L Q	
570	580	590	600	610	620	630	640
GCTGCTGGAT	TTGATGAGGA	TATGGTTATA	CAAGCTCTTC	AGAAAAACTAA	CAACAGAAAGT	ATAGAAGCAG	CAATTGAATT
A A A G F D E D	M V I	Q A L	Q K T N	N R S	I E A	A I E F	
650	660	670	680	690	700	710	720
CATTAGTAAA	ATGAGTTACC	AAGATCCTCG	ACCGAGAGCAG	ATGGCTGCAG	CAGCTGCCAG	ACCTATTAAT	GCCAGCATGA
I S K M S Y	Q D P R	R E Q	H M A A	A A A R	P I N	A S M	
730	740	750	760	770	780	790	800
AACCAGGGAA	TGTGCAGCAA	TCAGTTAAC	CCAAACAGAG	CTGGAAAGGT	TCTAAAGAAT	CCTTAGTTCC	TCAGAGGCAT
K P G N V Q Q	S V N	R K Q S	W K . G	S K . E	S L V P	Q R H	
810	820	830	840	850	860	870	880
GGCCCCGCCAC	TAGGAGAAAG	TGTGGCTAT	CATTCTGAGA	GTCCCCACTC	ACAGACAGAT	GTAGGAAGAC	CTTTGTCTGG
G P P L G E S	V A Y	H S E	S P N S	Q T D	V G R	P L S G	
890	900	910	920	930	940	950	960
ATCTGGTATA	TCAGCATTTG	TTCAAGCTCA	CCCTAGCAAC	GGACAGAGAG	TGAACCCCCC	ACCACCACT	CAAGTAAGGA
S G I S A F	V Q A H	P S N	G Q R	V N P P	P P P	P Q V R	
970	980	990	1000	1010	1020	1030	1040
GTTGTTACTCC	TCCACCACCT	CCAAGAGGCC	AGACTCCCCC	TCCAAGAGGT	ACAACCTCCAC	CTCCCCCTTC	ATGGGAACCA
S V T P	P P P P	P R G	Q T P P	P R G	T T P	P P P S	W E P

FIG. 12

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1050	1060	1070	1080	1090	1100	1110	1120
AACTCTCAAA CAAAGCGCTA TTCTGGAAAC ATGGAATACG TAATCTCCCG AATCTCTCCT GTCCCACCTG GGGCATGGCA	N S Q T K R Y S G N M E Y V I S R I S P V P P G A W Q						
1130	1140	1150	1160	1170	1180	1190	1200
AGAGGGCTAT CCTCCACAC ACCTCAACAC TTCCCCCATG AATCCTCCTA ATCAAGGACA GAGAGGCATT AGTTCTGTTC	E G Y P P P P L N T S P M N P P N Q G Q R G I S S V						
1210	1220	1230	1240	1250	1260	1270	1280
CTGTTGGCAG ACAACCAATC ATCATGCAGA GTTCTAGCAA ATTTAACCTT CCATCAGGGAA GACCTGGAAT GCAGAATGGT	P V G R Q P I I M Q S S S K F N F P S G R P G M Q N G						
1290	1300	1310	1320	1330	1340	1350	1360
ACTGGACAAA CTGATTTCAT GATACACCAA AATGTTGTCC CTGCTGGCAC TGTGAATCGG CAGCCACCACTCCTCCATATCC	T G Q T D F M I H Q N V V P A G T V N R Q P P P P P Y P						
1370	1380	1390	1400	1410	1420	1430	1440
TCTGACAGCA GCTAATGGAC AAAGCCCTTC TGCTTTACAA ACAGGGGGAT CTGCTGCTCC TTCGTCATAT ACAAAATGGAA	L T A A N G Q S P S A L Q T G G S A A P S S Y T N G						
1450	1460	1470	1480	1490	1500	1510	1520
GTATTCCCTCA GTCTATGATG GTGCCAAACA GAAATAGTCA TAACATGGAA CTATATAACA TTAGTGTACC TGGACTGCAA	S I P Q S M M V P N R N S H N M E L Y N I S V P G L Q						
1530	1540	1550	1560	1570	1580	1590	1600
ACAAATGGC CTCAGTCATC TTCTGCTCCA GCCCAGTCAT CCCCGAGGAG TGGGCATGAA ATCCCTACAT GGCAACCTAA	T N W P Q S S S A P A Q S S P S S G H E I P T W Q P N						
1610	1620	1630	1640	1650	1660	1670	1680
CATACCAAGTG AGGTCAAATT CTTTTAATAA CCCATTAGGA AATAGAGCAA GTCACTCTGC TAATTCTCAG CCTTCTGCTA	I P V R S N S F N N P L G N R A S H S A N S Q P S A						
1690	1700	1710	1720	1730	1740	1750	1760
CAACAGTCAC TCGAATTACA CCAGCTCTA TTCAACAGCC TGTGAAGAGT ATGCGTGTAT TAAACCAGA GCTACAGACT	T T V T A I T P A P I Q Q P V K S M R V L K P E L Q T						
1770	1780	1790	1800	1810	1820	1830	1840
GCTTTAGCAC CTACACACCC TCTTGGATA CCACAGCCAA TTCAAACIGT TCAACCCAGT CCTTTCTCTG AGGGAACCGC	A L A P T H P S W I P Q P I Q T V Q P S P F P E G T A						
1850	1860	1870	1880	1890	1900	1910	1920
TTCAAATGTG ACTGTGATGC CACCTGTTGC TGAAGCTCCA AACTATCAAG GACCACCAACCCAAACATCTGC	S N V T V M P P V A E A P N Y Q G P P P P Y P K H L						
1930	1940	1950	1960	1970	1980	1990	2000
TGCACCAAAA CCCATCTGTT CCTCCATACG AGTCAATCG TAAGCCTAGC AAAGAGGATC AGCCAAGCTT GCCCAAGGAA	L H Q N P S V P P Y E S I S K P S K E D Q P S L P K E						
2010	2020	2030	2040	2050	2060	2070	2080
GATGAGAGTG AAAAGAGTTA TGAAAATGTT GATAGTGGGG ATAAAGAAAA GAAACAGATT ACAACTTCAC CTATTACTGT	D E S E K S Y E N V D S G D K E K K Q I T T S P I T V						

FIG. 12 (cont.)

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2090	2100	2110	2120	2130	2140	2150	2160
TAGGAAAAAC	AAGAAAGATG	AAGAGCGAAG	CGAACATCTCGT	ATTCAAAGTT	ATTCTCCCTCA	AGCATTAAA	TTCTTTATGG
R K N	K K D	E E R	R E S	I Q S	Y S P	Q A F	K F F M
2170	2180	2190	2200	2210	2220	2230	2240
AGCAACATGT	AGAAAATGTA	CTCAAATCTC	ATCAGCAGCG	TCTACATCGT	AAAAAACAAAT	TAGAGAATGA	AATGATGCGG
E Q H V	E N V	L K S	H Q Q R	L H R	K K Q	L E N E	M M R
2250	2260	2270	2280	2290	2300	2310	2320
GTTGGATTAT	CTCAAGATGC	CCAGGATCAA	ATGAGAAAGA	TGCTTGCCTA	AAAAGAATCT	AATTACATCC	GTCTAAAAG
V G L	S Q D A	Q D Q	M R K	M L C Q	K E S	N Y I	R L K R
2330	2340	2350	2360	2370	2380	2390	2400
GGCTAAAATG	GACAAGTCTA	TGTTTGTGAA	GATAAAGACA	CTAGGAATAG	GAGCATTTGG	TGAAGTCTGT	CTAGCAAGAA
A K M	D K S	M F V K	I K T	L G I	G A F . G	E V C	L A R
2410	2420	2430	2440	2450	2460	2470	2480
AAAGTAGATA	TAAGGCTTG	TATGCAACAA	AAACTCTTCG	AAAGAAAGAT	GTTCTCTTC	AAAATCAAGT	CGCTCATGTT
K V D T	K A L	Y A T	K T L R	K K D	V L L	R N Q V	A H V
2490	2500	2510	2520	2530	2540	2550	2560
AAGGCTGAGA	GAGATATCCT	GGCTGAAGCT	GACAATGAAT	GGGTAGTTCG	TCTATATTAT	TCATTCCAAG	ATAAGGACAA
K A E	R D I L	A E A	D N E	W V V R	L Y Y	S F Q	D K D N
2570	2580	2590	2600	2610	2620	2630	2640
TTTATACTTT	GTAATGGACT	ACATTCTGG	GGGTGATATG	ATGAGCCTAT	TAATTAGAAT	GGGCATCTTT	CCAGAAAGTC
L Y F	V M D	Y I P G	G D M	M S L	L I R M	G I F	P E S
2650	2660	2670	2680	2690	2700	2710	2720
TGGCACGATT	CTACATAGCA	GAACCTACCT	GTGCAGTTGA	AACTGTTCAT	AAAATGGGTT	TTATTTCATAG	AGATATTAAA
L A R F	Y I A	E L T	C A V E	S V H	K M G	F I H R	D I K
2730	2740	2750	2760	2770	2780	2790	2800
CCTGATAATA	TTTGATTG	TCGTGATGGT	CATATTAAT	TGACTGACTT	TGGCCTCTGC	ACTGGCTTC	GATGGACACA
P D N	I L I D	R D G	H I K	L T D F	G L C	T G F	R W T H
2810	2820	2830	2840	2850	2860	2870	2880
CGATTCTAAG	TACTATCAGA	GTGGTGACCA	TCCACGGCAA	GATAGCATGG	ATTCAGTAA	TGAATGGGGG	GATCCCTCAA
D S K	Y Y Q	S G D H	P R Q	D S M	D F S N	E W G	D P S
2890	2900	2910	2920	2930	2940	2950	2960
GCTGTCGATG	TGGAGACAGA	CTGAAGCCAT	TAGAGCGGAG	AGCTGCACCG	CAGCACCCAGC	GATGTCTAGC	ACATTCTTTG
S C R C	G D R	L K P	L E R R	A A R	Q H Q	R C L A	H S L
2970	2980	2990	3000	3010	3020	3030	3040
GTTGGGACTC	CCAATTATAT	TGCACCTGAA	GTGTTGCTAC	GAACAGGATA	CACACAGTTG	TGTGATTGGT	GGAGTGTGG
V G T	P N Y I	A P E	V L L	R T G Y	T Q L	C D W	W S V G
3050	3060	3070	3080	3090	3100	3110	3120
TGTTATTCCT	TTGAAATGT	TGGTGGGACA	ACCTCCCTTC	TGGCACAAA	CACCATAGA	AACACAAATG	AAGGTTATCA
V I L	F E M	L V G Q	P P F	L A Q	T P L E	T Q M	K V I

FIG. 12 (cont.)

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3130	3140	3150	3160	3170	3180	3190	3200
*	*	*	*	*	*	*	*
ACTGGCAAA	C ATCTCTTCAC	ATTCCACAC	AAGCTAAACT	CAGTCCTGAA	GCTTCTGATC	TTATTATCAA	ACTTGTGCCGA
N W Q T	S L H I P P	Q A K L	S P E	A S D L	I I K L C R		
3210	3220	3230	3240	3250	3260	3270	3280
*	*	*	*	*	*	*	*
GGACCCGAAG	ATCGCTTAGG	CAAGAATGGT	GCTGATGAAA	TAAAAGCTCA	TCCATTTTTT	AAAACAAATTG	ACTTCTCCAG
G P E	D R L G	K N G A D E	I K A H	P F F	K T I	D F S S	
3290	3300	3310	3320	3330	3340	3350	3360
*	*	*	*	*	*	*	*
TGACCTGAGA	CAGCAGTCTG	CTTCATACAT	TCCTAAAATC	ACACACCCAA	CAGATAACATC	AAATTTGAT	CCTGTTGATC
D L R	Q Q S A S Y I	P K I T H P	T D T S	N F D P V D			
3370	3380	3390	3400	3410	3420	3430	3440
*	*	*	*	*	*	*	*
CTGATAAAATT	ATGGAGTGAT	GATAACGAGG	AAGAAAAATGT	AAATGACACT	CTCAATGGAT	GGTATAAAAA	TGGAAGCAT
P D K L	W S D D N E	E E N V	N D T	L N G	W Y K N	G K H	
3450	3460	3470	3480	3490	3500	3510	3520
*	*	*	*	*	*	*	*
CCTGAACATG	CATTCTATGA	ATTTACCTTC	CGAAGGTTTT	TTGATGACAA	TGGCTACCCA	TATAATTATC	CGAACCTAT
P E H A F Y E	F T F R R F	F D D N	G Y P Y N Y	P K P I			
3530	3540	3550	3560	3570	3580	3590	3600
*	*	*	*	*	*	*	*
TGAATATGAA	TACATTAATT	CACAAGGCTC	AGAGCAGCAG	TCGGATGAAG	ATGATCAAAA	CACAGGCTCA	GAGATTAAAA
E Y E Y I N S	Q G S E Q Q	S D E D D Q N	T G S E I K				
3610	3620	3630	3640	3650	3660	3670	3680
*	*	*	*	*	*	*	*
ATCGCGATCT	AGTATATGTT	TAACACACTA	GTAATGAGGA	TTTGTAAAAG	GGCCTGAAAT	-GCGAGGTGTT	
N R D L	V Y V	*	*	*	*	*	*
3690	3700	3710	3720	3730	3740	3750	3760
*	*	*	*	*	*	*	*
TTGAGGTTCT	GAGAGTAAAA	TTATGCAAAT	ATGACAGAGC	TATATATGTG	TGCTCTGTGT	ACAATATTTC	ATTTTCTCAA
3770	3780	3790	3800	3810	3820	3830	3840
*	*	*	*	*	*	*	*
ATTATGGGAA	ATCCTTTAA	AATGTTAATT	TATCCAGCC	GTTTAAATCA	GTATTTAGAA	AAAAATTGTT	ATAAGGAAAG
3850	3860	3870	3880	3890	3900	3910	3920
*	*	*	*	*	*	*	*
..	TAATTTATGA	ACTGAATATT	ATAGTCAGTT	CTGGTACTT	AAAGTACTTA	AAATAAGTAG	TGCTTTGTGT AAAAGGAGAA
3930	3940	3950	3960	3970	3980		
*	*	*	*	*	*		
ACCTGGTATC	TATTTGTATA	TATGCTAAAT	AATTTAAAAA	TACAAGAGTT	TTTGAATTT	TTTT	

FIG. 12 (cont.)

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10	20	30	40	50	60	70	80
*	*	*	*	*	*	*	*
CTGCAACATT	CAATTAACCG	AAAACAAAGC	TGGAAAGGT	CTAAAGAGTC	TCTAGTCT	CAGAGACACG	GCCCCATCT
V Q H S I N R	K Q S W K G	S K E S	L V P	Q R H G P S L			
90	100	110	120	130	140	150	160
*	*	*	*	*	*	*	*
AGGAGAAAAT	GTGGTTTATC	GTCTGAAAG	CCCCAACTCA	CAGGCGGATG	TAGGAAGACC	TCTGTCTGGA	TCCGGCATTG
G E N	V V Y	R S E S	P N S	Q A D	V G R P	L S G	S G I
170	180	190	200	210	220	230	240
*	*	*	*	*	*	*	*
CAGCATTG	TCAAGCTCAC	CCAAGCAATG	GACAGAGAGT	GAACCCCCA	CCACCCACCTC	AACCTAGGAG	TGTTACTCCT
A A F A	Q A H P S N	G Q R V	N P P	P P P	Q V R S	V T P	
250	260	270	280	290	300	310	320
*	*	*	*	*	*	*	*
CCACCCACCTC	CGAGAGGCCA	GACCCCCACCT	CCCCGAGGC	CCACTCCCC	TCCCCCTCA	TGGGAACCAA	GCTCTCAGAC
P P P	P R G Q	T P P	P R G	T T P P	P P S	W E P	S S Q T
330	340	350	360	370	380	390	400
*	*	*	*	*	*	*	*
AAAGCGCTAC	TCTGGGAACA	TGGAGTACGT	AACTCTCCGA	ATCTCCCCTG	TTCCACCTGG	GGCGTGGCAG	GAGGGGTACC
K R Y S G N M E Y V I S R I S P V P P G A W Q E G Y							
410	420	430	440	450	460	470	480
*	*	*	*	*	*	*	*
CTCCACCA	TCTTACCACT	TCTCCCATGA	ATCCCCCTAG	CCAGGCTCAG	AGGCCATTA	GTTCTGTTCC	AGTTGGTAGA
P P P	L T T	S P M	N P P S	Q A Q R A I	S S V P	V G R	
490	500	510	520	530	540	550	560
*	*	*	*	*	*	*	*
CAACCCATCA	TCATGCAGAG	TACTAGAAA	TTTAACTTA	CACCAAGGGCG	ACCTGGAGTT	CAGAATGGTG	TGGTCAGTC
Q P I I M Q S	T S K F N F	T P G R	P G V	Q N G G G Q S			
570	580	590	600	610	620	630	640
*	*	*	*	*	*	*	*
TGATTTTATC	GTGCACCAAA	ATGTCCCCAC	TGGTTCTGTG	ACTCGGCAGC	CACCAACCTC	ATATCCTCTG	ACCCACAGCTA
D F I V H Q N V P T	G S V T R Q	P P P P	Y P L T P A				
650	660	670	680	690	700	710	720
*	*	*	*	*	*	*	*
ATGGACAAAG	CCCCCTCTGCT	TTACAAACAG	GGGCTCTG	TGCTCCACCA	TCATTCGCCA	ATGGAAACGT	TCCCTCAGTCG
N G Q S	P S A L Q T	G A S A	A P P S F A	N G N V	P Q S		
730	740	750	760	770	780	790	800
*	*	*	*	*	*	*	*
ATGATGGTGC	CCAACAGGAA	CAGTCATAAC	ATGGAGCTT	ATAATATTA	TGTCCCTGGA	CTGCAAACAG	CCTGGCCCCA
M M V P N R N S H N M E L	Y N I N V P G	L Q T A W P Q					
810	820	830	840	850	860	870	880
*	*	*	*	*	*	*	*
GTCGTCTTCT	GCTCCTGCGC	AGTCATCCCC	AAGCGGTGGG	CATGAAATTG	CTACATGGCA	ACCTAACATA	CCAGTGAGGT
S S S A P A Q S S P	S G G H E I	P T W Q P N I	P V R				
890	900	910	920	930	940	950	960
*	*	*	*	*	*	*	*
CAAATCTTT	TAATAACCCA	TTAGGAAGTA	GAGCAACTCA	CTCTGCTAAT	TCTCAGCCTT	CTGCCACTAC	AGTCACTGOC
S N S F N N P L G S	R A S H S A N S Q P S A T T	V T A					

FIG. 13

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970	980	990	1000	1010	1020	1030	1040
*	*	*	*	*	*	*	*
ATCACACCCCG	CTCCTATTCA	ACAGCCCCGTG	AAAAGCATGC	GCGTCTTGAA	ACCAAGAGCTG	CAGACTGCTT	TAGCCCCAAC
I T P	A P I Q	Q P V	K S M	R V L K	P E L	Q T A	L A P T
1050	1060	1070	1080	1090	1100	1110	1120
*	*	*	*	*	*	*	*
CCATCCCTCT	TGGATGCCAC	AGCCAGTCAG	GACTGTCAG	CCTACCCCTT	TTTCTGAGGG	TACAGCTTCA	AGTGTGCTG
H P S	W M P	Q P V Q	T V Q	P T P	F S E G	T A S	S V P
1130	1140	1150	1160	1170	1180	1190	1200
*	*	*	*	*	*	*	*
TCATCCCACC	TGGTGTGAA	GCTCCAAGCT	ATCAAGGTCC	ACCACCGCCT	TATCCAAAAC	ATCTGCTACA	CCAAAACCCA
V I P P	V A E	A P S	Y Q G P	P P P	Y P K	H L L H	Q N P
1210	1220	1230	1240	1250	1260	1270	1280
*	*	*	*	*	*	*	*
TCTGTCCCTC	CATATGAGTC	AGTAAGTAAG	CCCTGCAAAG	ATGAACAGCC	TAGCTTACCC	AAGGAAGATG	ATAGTGAGAA
S V P	P Y E S	V S K	P C K	D E Q P	S L P	K E D	D S E K
1290	1300	1310	1320	1330	1340	1350	1360
*	*	*	*	*	*	*	*
GAGTGCAGAC	AGTGGTACT	CTGGGGATAA	AGAAAAAGAAA	CAGATTACAA	CTTCACCTAT	CACTGTTCGG	AAAAACAAAGA
S A D	S G D	S G D K	E K K	Q I T	T S P I	T V R	K N K
1370	1380	1390	1400	1410	1420	1430	1440
*	*	*	*	*	*	*	*
AAGATGAAGA	ACGAAGAGAG	TCTGGATTTC	AGAGTTACTC	CCCACAGGCC	TTTAAGTCT	TCATGGAGCA	GCACGTAGAG
K D E E	R R E	S R I	Q S Y S	P Q A	F K F	F M E Q	H V E
1450	1460	1470	1480	1490	1500	1510	1520
*	*	*	*	*	*	*	*
AACGTCTGA	AGTCTCATCA	GCAGCGCTG	CATCGGAAGA	AGCAGCTAGA	AAATGAAATG	ATGCGGGTTG	GATTATCTCA
N V L	K S H Q	Q R L	H R K	K Q L E	N E M	M R V	G L S Q
1530	1540	1550	1560	1570	1580	1590	1600
*	*	*	*	*	*	*	*
AGATGCCAG	GATCAAATGA	AAAAGATGCT	TTGCCAGAAA	GAGTCTAACT	ATATTCGTCT	AAAAAGGGCT	AAAATGGACA
D A Q	D Q M	R K M L	C Q K	E S N	Y I R L	K R A	K M D
1610	1620	1630	1640	1650	1660	1670	1680
*	*	*	*	*	*	*	*
AGTCTATGTT	TGAAAGATA	AAGACATTAG	GAATAGGAGC	GTTCGGTGAA	GTCTGTCTAG	CAAGAAAAGT	CGATACTAAA
K S M F	V K I	K T L	G I G A	F G E	V C L	A R K V	D T K
1690	1700	1710	1720	1730	1740	1750	1760
*	*	*	*	*	*	*	*
GCTTTGTATG	CAACAAAGAC	TCTTCGAAAG	AAAGACGTC	TGCTCCGAAA	TCAGGGGCT	CATGTGAAAG	CGGAGAGGGA
A L Y	A T K T	L R K	K D V	L L R N	Q V A	H V K	A E R D
1770	1780	1790	1800	1810	1820	1830	1840
*	*	*	*	*	*	*	*
TATCCTAGCA	GAAGCGACCA	ATGAGTGGGT	GGTCGGCTG	TACTACTCTT	TCCAGGACAA	GGACAACCTTG	TACMTGTGA
I L A	E A D	N E W V	V R L	Y Y S	F Q D K	D N L	Y F V
1850	1860	1870	1880	1890	1900	1910	1920
*	*	*	*	*	*	*	*
TGGACTACAT	TCCTGGGGGG	GATATGATGA	GCCTATTAAAT	TAGAATGGGC	ATCTTCCTG	AAAATCTGGC	ACGATCTAC
M D Y I	P G G	D M M	S L L I	R M G	I F P	E N L A	R F Y
1930	1940	1950	1960	1970	1980	1990	2000
*	*	*	*	*	*	*	*

FIG. 13 (cont.)

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ATAGCAGAAC TTACCTGTGC AGTTGAAAGT GTTCATAAAA TGGGTTTAT TCATAGAGAT ATTAAACCTG ATAACATTT
 I A E L T C A V E S V H K M G F I H R D I K P D N I L
 2010 2020 2030 2040 2050 2060 2070 2080
 GATTGACCGT GATGCCATA TTAAATTGAC TGACTTTGGC TTGTGCACTG GCTTCAGATG GACACATGAC TCCAAGTACT
 I D R D G H I K L T D F G L C T G F R W T H D S K Y
 2090 2100 2110 2120 2130 2140 2150 2160
 ACCAGAGTGG GGATCACCCA CGGCAAGATA GCATGGATT CAGTAACGAA TGGGGAGATC CTTCCAATTG TCGGTGTGGG
 Y Q S G D H P R Q D S M D F S N E W G D P S N C R C G
 2170 2180 2190 2200 2210 2220 2230 2240
 GACAGACTGA AGCCACTGGA GCGGAGAGCT GCTCGCCAGC ACCAGCCATG TCTAGCCCAT TCTCTGGTTG GGACTCCCAA
 D R L K P L E R R A A R Q H Q R C L A H S L V G T P N
 2250 2260 2270 2280 2290 2300 2310 2320
 TTATATTGCA CCTGAAGTGC TACTGCGAAC AGGATATACA CAGCTGTGTG ACTGGTGGAG TGTTGGTGT ATTCTTTGTG
 Y I A P E V L L R T G Y T Q L C D W W S V G V I L C
 2330 2340 2350 2360 2370 2380 2390 2400
 AAATGTTGGT GGGACAAACCT CCTTTCTTGG CACAAACCCC ATTAGAAACA CAAATGAAGG TTATCATCTG GCAAACCTCT
 E M L V G Q P P F L A Q T P L E T Q M K V I I W Q T S
 2410 2420 2430 2440 2450 2460 2470 2480
 CTACACATCC CTCCCTCAAGC TAAGCTGAGT CCTGAAGCCT CTGACCTCAT TATCAAACGT TGTCGAGGAC CAGAAGACCG
 L H I P P Q A K L S P E A S D L I I K L C R G P E D R
 2490 2500 2510 2520 2530 2540 2550 2560
 CCTCGGCAAG AACGGTGCTG ATGAGATAAA GGCTCATCCA TTTTTTAAGA CCATCGATTT CTCTAGTGT CTGAGACAGC
 L G K N G A D E I K A H P F F K T I D F S S D L R Q
 2570 2580 2590 2600 2610 2620 2630 2640
 AGCTGCTTC ATACATCCCT AAAATCACGC ATCCAACAGA TACATCCAAT TTCGACCCCTG TTGATCCTGA TAAATTGTGG
 Q S A S Y I P K I T H P T D T S N F D P V D P D K L W
 2650 2660 2670 2680 2690 2700 2710 2720
 AGCGATGGCA GCGAGGGAGGA AAATATCAGT GACACTCTGA GCGGATGGTA TAAAAATGGG AAGCACCCCCG AGCACGCTTT
 S D G S E E E N I S D T L S G W Y K N G K H P E H A F
 2730 2740 2750 2760 2770 2780 2790 2800
 CTATGAGTTC ACCTTTCGGA GTTTTTTGA TGACAATGGC TACCCATATA ATTATCCAAA GCCTATMGAG TATGAATACA
 Y E F T F R R F F D D N G Y P Y N Y P K P I E Y E Y
 2810 2820 2830 2840 2850 2860 2870 2880
 TTCATTCACA GGGCTCAGAA CAACAGTCTG ATGAAGATGA TCAACACACA AGCTCCGATG GAAACAAACCG AGATCTAGTG
 I H S Q G S E Q Q S D E D D Q H T S S D G N N R D L V
 2890 2900 2910 2920 2930 2940 2950 2960
 TATGTTTAAT AAACTAGGAG ATCATIGTAA GAATTTGCAA GAGGCTGAA GTGCAGGGT TTTTGAAGTT TTGAGAAAAT
 Y V *

FIG. 13 (cont.)

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2970	2980	2990	3000	3010	3020	3030	3040
*	*	*	*	*	*	*	*
TATGCAAATG TGACAGAGTT TGTGTGCTCT GTGTACAATA TTTTATTTTC CTAAGTTATG GGAAATTGTT TTAAAATGTT							
3050	3060	3070	3080	3090	3100	3110	3120
*	*	*	*	*	*	*	*
AATTTATTC ACCCTTTAA TTCAGTAATT TAGAAAAAAT TGTATATAAGG AAAGTAAATT ATGAACGTGAG TATTATAGTC							
3130	3140	3150	3160	3170	3180	3190	3200
*	*	*	*	*	*	*	*
AATTCTTGGT ACTTAAAGTA CTTAAAAAGA GAAGCCTGGT ATCTTTTGTA TATATAATAA ATAATTTAA AATCCCCAAA							
3210	*						
AAAAAAAAAAA AAA							

FIG. 13 (cont.)

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10	20	30	40	50	60	70	80
*	*	*	*	*	*	*	*
ATGAGAGCCA	CCCCGAAGTT	TGGACCTTAT	CAAAAGCTC	TCAGGGAAAT	CCGATATTCC	CTCTGCCTT	TTGCCAACGA
M R A	T P K F	G P Y	Q K A	L R E I	R Y S	L L P	F A N E
90	100	110	120	130	140	150	160
*	*	*	*	*	*	*	*
GTCAGGCACT	TCGGCAGCTG	CAGAGGTGAA	CCGGCAGATG	CTTCAGGAGT	TGGTGAATGC	GGCATGTGAC	CAGGAGATGG
S G T	S A A	A E V N	R Q M	L Q E	L V N A	A C D	Q E M
170	180	190	200	210	220	230	240
*	*	*	*	*	*	*	*
CTGGCAGAGC	GTCACGCAG	ACGGGCAGTA	GGAGTATCGA	AGCTGCCCTG	GAGTACATCA	GTAAGATGGG	CTACCTGGAC
A G R A	L T Q	T G S	R S I E	A A L	E Y I	S K M G	Y L D
250	260	270	280	290	300	310	320
*	*	*	*	*	*	*	*
CCCAGGAATG	AGCAGATTGT	GCGAGTCATC	AAGCAGACCT	CCCCAGGAAA	GGGCTGGCG	TCCACCCCGG	TGACTCGGCG
P R N	E Q I V	R V I	K Q T	S P G K	G L A	S T P	V T R R
330	340	350	360	370	380	390	400
*	*	*	*	*	*	*	*
GCCCCAGTTTC	GAGGGCACAG	GGGAAGCACT	CCCATCTTAC	CACCAGCTGG	GTGGTGCAA	CTACGAGGGC	CCCCCGCGCAC
P S F	E G T	G E A L	P S Y	H Q L	G G A N	Y E G	P A A
410	420	430	440	450	460	470	480
*	*	*	*	*	*	*	*
TGGAGGAGAT	GCCGCGGCAA	TATTTAGACT	TTCTCTTCCC	TGGAGCCGGA	GCCGGCACCC	ACGGTGCCCA	GGCTCACCAAG
L E E M	P R Q	Y L D	F L F P	G A G	A G T	H G A Q	A H Q
490	500	510	520	530	540	550	560
*	*	*	*	*	*	*	*
CATCCTCCCCA	AAGGGTACAG	CACAGCAGTA	GAGCCAAGTG	CGCACTTTCC	GGGCACACAC	TATGGTGTG	GTCATCTACT
H P P	K G Y S	T A V	E P S	A H F P	G T H	Y G R	G H L L
570	580	590	600	610	620	630	640
*	*	*	*	*	*	*	*
ATCGGAGCAG	TCTGGGTATG	GGGTGCAGCG	CAGTTCCCTCC	TTCCAGAACAA	AGACGCCACC	AGATGCCTAT	TOCAGCATGG
S E Q	S G Y	G V Q R	S S S	F Q N	K T P P	D A Y	S S M
650	660	670	680	690	700	710	720
*	*	*	*	*	*	*	*
CCAAGGCCCA	GGGTGCCCT	CCCGCCAGCC	TCACCTTIC	TGCCCCATGCT	GGGCTGTACA	CTGCCTCGCA	CCACAAGCCG
A K A Q	G G P	P A S	L T F P	A H A	G L Y	T A S H	H K P
730	740	750	760	770	780	790	800
*	*	*	*	*	*	*	*
GCGGCTACCC	CACCTGGGGC	CCACCCATTA	CATGTGTGG	GCACCCGGGG	TOCCCACGTTT	ACTGGCGAAA	GCTCTGCACA
A A T	P P G A	H P L	H V L	G T R G	P T F	T G E	S S A Q
810	820	830	840	850	860	870	880
*	*	*	*	*	*	*	*
GGCTGTGCTG	GCACCGTCCA	GGAACAGCCT	CAATGCTGAC	TITGTACGAGC	TGGGCTCCAC	GGTGCCTGG	TCTGCAGCTC
A V L	A P S	R N S L	N A D	L Y E	L G S T	V P W	S A A
890	900	910	920	930	940	950	960
*	*	*	*	*	*	*	*
CACTGGCACG	CCGGCACTCG	CTGCAGAACG	AGGGTCTAGA	AGCCTCGCGG	CGCGATGTGG	CTTTGGGC	TGGCCCCAGC
P L A R	R D S	L Q K	Q G L E	A S R	P H V	A F R A	G P S

FIG. 14

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970	980	990	1000	1010	1020	1030	1040
AGGACCAACT CCTTCAACAA CCCACAAACCT GAGCCCTCAC TGCCCCCCCC CAACACGGTC ACCGCCGTGA CGGCCGCACA	R T N S F N N P Q P E P S L P A P N T V T A V T A A H						
1050 1060 1070 1080 1090 1100 1110 1120	CATCCTTCAC CCTGTGAAGA GCGTGCCTGT GCTGCGGCC GAGCCCCAGA CAGCCGTGGG GCCCTCGCAC CCCGCCTGGG	I L H P V K S V R V L R P E P Q T A V G P S H P A W					
1130 1140 1150 1160 1170 1180 1190 1200	TGGCTGGCC CACAGCACCT GCCACTGAGA GCCTGGAGAC GAAGGAGGGC AGCGCAGGCC CACACCCGCT GGATGTGGAC	V A A P T A P A T E S L E T K E G S A G P H P L D V D					
1210 1220 1230 1240 1250 1260 1270 1280	TATGCCGCT CCGAGCGCAG GTGCCAACCG CCTCCGTATC CAAAGCACTT GCTGCTGCC AGTAAGTCTG AGCAGTACAG	Y G G S E R R C P P P P Y P K H L L L P S K S E Q Y S					
1290 1300 1310 1320 1330 1340 1350 1360	CGTGGACCTG GACAGCCTGT GCACCACTGT GCAGCAGAGT CTGCGAGGGG GCACTGATCT AGACGGGAGT GACAAGAGCC	V D L D S L C T S V Q Q S L R G G T D L D G S D K S					
1370 1380 1390 1400 1410 1420 1430 1440	ACAAAGGTGC GAAGGGAGAC AAAGCTGGCA GAGACAAAAA GCAGATTCAAG ACCTCCCCGG TGCCCTGTCGG CAAGAATAGC	H K G A K G D K A G R D K K Q I Q T S P V P V R K N S					
1450 1460 1470 1480 1490 1500 1510 1520	AGAGATGAAG AGAAGAGAGA GTCTCGCATC AAGACTTAATC CCCCTTATGC CTTCAAATTTC TTCACTGGAGC AACACGTGGA	R D E E K R E S R I K S Y S P Y A F K F F M E Q H V E					
1530 1540 1550 1560 1570 1580 1590 1600	GAATGTCATC AAAACCTACC AGCAGAAGGT CAGCCGGAGG CTACAGCTGG ACCAGGAAAT GGCCAAAGCT GGGCTCTGTG	N V I K T Y Q Q K V S R R L Q L E Q E M A K A G L C					
1610 1620 1630 1640 1650 1660 1670 1680	AGCCCGAGCA GGAGCAGATG AGGAAGATCC TCTACCAGAA GGAGTCTAAC TACAACCGGC TGAAGAGGGC CAAGATGGAC	E A E Q E Q M R K I L Y Q K E S N Y N R L K R A K M D					
1690 1700 1710 1720 1730 1740 1750 1760	AAGTCCATGT TTGTGAAAT CAAGACTCTA GGCATCGGTG CCTTTGGGGA AGTGTGCCTC GCTTGTAAGC TGGACACTCA	K S M F V K I K T L G I G A F G E V C L A C K L D T H					
1770 1780 1790 1800 1810 1820 1830 1840	CGCTCTGTAC GCCATGAAGA CTCTCAGGAA GAAGGATGTC CTGAACCGGA ATCAAGTGGC CCATGTCAAG GCTGAGAGGG	A L Y A M K T L R K K D V L N R N Q V A H V K A E R					
1850 1860 1870 1880 1890 1900 1910 1920	ACATCTGGC TGAAGCAGAC AATGAGTGGG TGGTCAAACCT CTACTACTCC TTCCAGGACA AGGACAGCCT GTACTTGTG	D I L A E A D N E W V V K L Y Y S F Q D K D S L Y F V					
1930 1940 1950 1960 1970 1980 1990 2000							

FIG. 14 (cont.)

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ATGGACTACA TACCAAGCCGG GGATATGATG AGCCTGCTGA TCAGGATGGA GGTCTCCCT GAGCACCTGG CCCGCTCTA
 M D Y I P G G D M M S L L I R M E V F P E H L A R F Y
 2010 2020 2030 2040 2050 2060 2070 2080
 * * * * * * * *
 CATTGCAGAG TTGACCCCTGG CCATTGAAAG TGTCCACAAG ATGGGCTTTA TCCACCCGGGA CATCAAGCCT GACAACATAC
 I A E L T L A I E S V H K M G F I H R D I K P D N I
 2090 2100 2110 2120 2130 2140 2150 2160
 * * * * * * * *
 TCATCGACCT GGATGGTCAT ATTARGCTGA CAGATTTGG CCTCTGCACT GGATTCAAGGT GGACTCACAA TTCCAAGTAC
 L I D L D G H I K L T D F G L C T G F R W T H N S K Y
 2170 2180 2190 2200 2210 2220 2230 2240
 * * * * * * * *
 TACCAAGAAAAG GGAACCACAT GAGACAGGAC AGCATGGAGC CCGGTGACCT CTGGGACGAT GTTTCCAACT GTCCGTGTGG
 Y Q K G N H M R Q D S M E P G D L W D D V S N C R C G
 2250 2260 2270 2280 2290 2300 2310 2320
 * * * * * * * *
 AGACAGGTTA AAGACCCCTGG AGCAGAGGGC GCAGAACAG CACCAAGAGGT GCCTGGCACA TTCTCTTGTC GGGACACCAA
 D R L K T L E Q R A Q K Q H Q R C L A H S L V G T P
 2330 2340 2350 2360 2370 2380 2390 2400
 * * * * * * * *
 ATTACATCGC TCCGGAGGTG CTTCTCCGCA AAGGGTACAC GCAGCTCTGT GACTGGTGA GCGTCGGTGT GATTCTCTTT
 N Y I A P E V L L R K G Y T Q L C D W W S V G V I L F
 2410 2420 2430 2440 2450 2460 2470 2480
 * * * * * * * *
 GAGATGCTGG TTGGGCAGCC GCCTTCTTG GCCCCCACCC CCACAGAGAC GCAGCTGAAG GTGATCAACT GGGAGAGCAC
 E M L V G Q P P F L A P T P T E T Q L K V I N W E S T
 2490 2500 2510 2520 2530 2540 2550 2560
 * * * * * * * *
 GCTGCATATC CCTACCGCAGG TGAGGCTCAG CGCTGAGGCC CGAGACCTCA TCACGAAGCT GTGCTGCGCG GCTGACTGCC
 L H I P T Q V R L S A E A R D L I T K L C C A A D C
 2570 2580 2590 2600 2610 2620 2630 2640
 * * * * * * * *
 GCCTGGGCAG GGATGGGGCA GATGACCTCA AGGCACACCC GTCTTCACAC ACCATCGACT TTTCCCGTGA CATCCGAAAG
 R L G R D G A D D L K A H P F F N T I D F S R D I R K
 2650 2660 2670 2680 2690 2700 2710 2720
 * * * * * * * *
 CAGGCTGCAC CCTACGTOCCC CACCATCAGC CACCCCATGG ACACCTCAA TTTGACCCG GTGGATGAAG AAAGCCCCGT
 Q A A P Y V P T I S H P M D T S N F D P V D E E S P W
 2730 2740 2750 2760 2770 2780 2790 2800
 * * * * * * * *
 GCACGAGGCC AGCGGAGAGA GCGCCAAGGC CTGGGACACG CTGGCTCCCG CCAGGAGCAA GCATCCAGAG CACGCCCTCT
 H E A S G E S A K A W D T L A S P S S K H P E H A F
 2810 2820 2830 2840 2850 2860 2870 2880
 * * * * * * * *
 ATGAGTCAC CTTCCGCAGG TTCTTCGATG ACAACGGCTA TCCCTTCGGG TGCCCGAAGC CCTCAGAGGCC CGCAGAGAGT
 Y E F T F R R F F D D N G Y P F R C P K P S E P A E S
 2890 2900 2910 2920 2930 2940 2950 2960
 * * * * * * * *
 GCAGACCCAG GGGATGCGGA CTTGGAAGGT GCGGCGAGG GCTGOCAGCC GGTGTACGTG TAAGCCTCAG TTAACCACAA
 A D P G D A D L E G A A E G C Q P V Y V *

FIG. 14 (cont.)

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2970 2980 2990 3000 3010 3020 3030 3040
* * * * *
CTCGAGGAAA CCCAAAATGA GATTCTTTT CAGAAGACAA ACTCAAGCTT AGGAATCCTT CATTTCAGT TCTGGTAAAT
3050 3060 3070 3080 3090 3100 3110 3120
* * * * *
GGGCAACAGG AAGAGTCAAC ATGATTCAA ATTAGCCCTC TGAGGACCTT CACTGCATTA AAACAGTATT TTTTAAAAAA
3130 3140 3150
* * * * *
TTAGTACAGT ATGGAAAGAG CACTTATTTT GGGGG

FIG. 14 (cont.)

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FIG. 15